

**ABSTRACT:**

A detecting capacity circuit for the battery which comprises one set of voltage detecting circuit, one set of current detecting circuit, one set of switching circuit, one set of capacity display circuit, one set of timing circuit and one set of driving circuit etc.; among which, the above circuits are all fixed on the appropriate positions of the battery, and under the multiple-loaded circumstances if the battery do have the special functions of present invention it will not only be allowable to detect it's capacity but also be able to properly isolate both the battery and the loading while there is a mismatch on the polarities, a short circuit, or even over-

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10 discharged from a battery.